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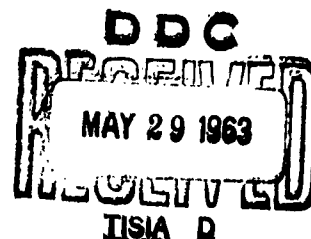
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***BOEING***



***SEATTLE, WASHINGTON***

THE **BOEING** COMPANY

CODE IDENT NO. 81205

NUMBER D2-13945-622

TITLE AIR FORCE PLANT T7 FLIGHT ARTICLE MASS PROPERTIES  
REPORT FOR WING I MISSILES 622 THRU 647

MODEL NO. 84-80 CONTRACT NO. AF 04(694)-46

ISSUE NO. 9 ISSUED TO Astia Snn

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## SUMMARY

This document is prepared in accordance with BSD Exhibit 62-110 dated 3 August 1962, "Missile Assembly Facility Requirements for Mass Properties Data." It contains the nominal sealant weight and balance summary for Wing I missiles, the weight effect of all changes incorporated at Plant 77 not reported in D2-13944-600 and D2-13944-626 and a configuration page for each missile included in this report.

This report covers Wing I missiles 622 through 647.

1.0 INTRODUCTION

1.1 REFERENCES

1.1.1 CON 258 to AF 04(647)-580

1.1.2 MWD Exhibit 62-110 dated 3 August 1962, Missile Assembly Facility Requirements for Mass Properties Data.

1.1.3 Boeing Document D2-13944-600, "Flight Article Mass Properties Report for Minuteman Wing I Components, Missiles 600 - 624".

1.1.4 Boeing Document D2-13944-626, "Flight Article Mass Properties Report for Minuteman Wing I Components, Missiles 626 - 659".

1.2 DISCUSSION

This Mass Properties Report is presented in accordance with Section 3.2 reference 1.1.2.

Page 8 is the nominal weight and balance summary of Boeing sealant added at Plant 77.

Page 9 of this report lists the weight and balance of Autonetics sealant.

Page 10 (Boeing responsibility Change Sheet) lists all the Boeing responsibility changes incorporated in the missile at time of delivery, not reported in reference 1.1.3 or 1.1.4.

Page 11 through 30 are Configuration Summaries listing the serial numbers of major components for missiles included in this report.

2.1 WEIGHT AND BALANCE SUMMARY • BOEING SEALANT INSTALLED AT AF PLANT 77 (NOMINAL WEIGHT)						REPORT NO. D2-13945-622				
						DATE 5-1-63				
LINE	C/S	DESCRIPTION	DATA	EXPENDED WEIGHT (LB)	TOTAL WEIGHT (LB)	CENTER OF GRAVITY			INERTIA	
						LONG. °	LAT.	VERT.	SLUG FT <sup>2</sup> x10-3	ROLL
1	41	RV Spacer								
2			Silo							
3			Aero							
4	39	OTLI Section								
5			Silo							
6			Aero							
7	42	G&C Section								
8			Silo							
9			Aero							
10	44	3rd Stage Engine			1.99	85.6	108.6	114.9		
11			Silo							
12			Aero							
13			Base							
14	45	Interstage 2-3			2.42	60.3	105.1	105.2		
15		(Fwd)	Silo							
16			Aero							
17			Base							
18			Silo							
19		Jettisoned	Aero							
20		Portion	Base							
21			Jett	1.65		60.7	102.8	102.0		
22	45	Interstage 2-3			.53	85.0	103.0	101.8		
23		(Aft)	Silo							
24			Aero							
25	46	2nd Stage Engine			1.92	112.7	109.8	117.0		
26			Silo							
27			Aero							
28			Base							
29	47	Interstage 1-2			2.31	65.0	103.9	106.8		
30		(Fwd)	Silo							
31			Aero							
32			Base							
33			Silo							
34		Jettisoned	Aero							
35		Portion	Base							
36			Jett	1.57		65.0	99.6	102.2		
37	47	Interstage 1-2			.70	94.7	102.0	103.4		
38		(Aft)	Silo							
39			Aero							
40	48	1st Stage Engine			4.92	166.9	115.7	127.2		
41			Silo							
42			Aero							
43			Base							
44	49	Skirt			8.44	66.3	101.7	103.0		
45			Silo							
46			Aero							
47			Base							
48		MISSILE			23.23					
49			Silo							
50			Aero							
51			Base							
52			Jett							

\*Boeing Section Stations (See Missile Diagram)  
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**2.2 WEIGHT AND BALANCE SUMMARY - AUTONETICS**  
**SEALANT INSTALLED AT AF PLANT 77.**  
**NOMINAL WEIGHT**

REPORT NO. **D2-139-5-622**

DATE **5-1-63**

STATION	DESCRIPTION	DATA	EXPENDED WEIGHT (LB)	TOTAL WEIGHT (LB)	CENTER OF GRAVITY			INERTIA SLUG FT <sup>2</sup> x10 <sup>-3</sup>	
					LONG.*	LAT.	VERT.	ROLL	PITCH
1	41 RV Spacer								
2		Silo							
3		Aero							
4	39 CTLI Section								
5		Silo							
6		Aero							
7	42 G&C Section								
8		Silo							
9		Aero							
10	44 3rd Stage Engine			.85	118.0	100.0	100.0		
11		Silo							
12		Aero							
13		Base							
14	45 Interstage 2-3								
15	(Fwd)	Silo							
16		Aero							
17		Base							
18		Silo							
19	Jettisoned	Aero							
20	Portion	Base							
21		Jett							
22	45 Interstage 2-3								
23	(Aft)	Silo							
24		Aero							
25	46 2nd Stage Engine			1.39	170.7	100.0	100.0		
26		Silo							
27		Aero							
28		Base							
29	47 Interstage 1-2								
30	(Fwd)	Silo							
31		Aero							
32		Base							
33		Silo							
34	Jettisoned	Aero							
35	Portion	Base							
36		Jett							
37	47 Interstage 1-2								
38	(Aft)	Silo							
39		Aero							
40	48 1st Stage Engine			1.64	293.1	100.0	100.0		
41		Silo							
42		Aero							
43		Base							
44	49 Skirt								
45		Silo							
46		Aero							
47		Base							
48	MISSILE			3.88					
49		Silo							
50		Aero							
51		Base							
52		Jett							

\* Boeing Section Stations (See Missile Diagram).  
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3.0 BOEING CHANGES	REPORT NO. <u>D2-13945-622</u>
MISSILE S/N <u>622 through 647</u>	DATE <u>5-1-63</u>

The following changes were made on the Boeing Components at Air Force Plant 77:  
 These changes were not incorporated in D2-13944-600 or D2-13944-626.

MISSILE SECTION	ITEM AFFECTED	PART NO.	CHANGE NO.	WEIGHT CHANGE	HORIZ. C.G.	LAT. C.G.	VERT. C.G.
	<p>NOTE: Raceway sealing was not accomplished on CTLI missiles 63-169 (626) and 63-170 (634) at Plant 77 per ECP 540.</p> <p>See applicable footnote Page 42, D2-13944-600 or Page 38 D2-13944-626.</p>						

4.1 CONFIGURATION SUMMARY		REPORT NO.	D2-13945-622
MISSILE S/N 63-109 (622)		DATE	5-1-63
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0134
Flight Control Unit	Stage 3	25174-102	AAQ0124
Motor	Stage 3	4829-7	0031119
Heat Deflector Support	Stage 3	25-25878-2	0000168
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000115
Angular Accelerometer Unit	Stage 2	25170-102	AAM0134
Battery Assembly	Stage 2	66603-107	AAV0256
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0125
Flight Control Unit	Stage 2	25173-102	AAP0128
Motor	Stage 2	366466-9	0021111
Heat Deflector Support	Stage 2	25-25877-2	0000117
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000110
Battery Assembly	Stage 1	66603-107	AAV0270
Cable Assembly-Electrical	Stage 1	25188-102	AAR0136
Flight Control Unit	Stage 1	25172-102-11	AAN0138
Motor	Stage 1	U31500-27	0011113
Heat Deflector Support	Stage 1	25-25876-2	0000110
Skirt Assembly	Stage 1	25-27207-3	0000103
*Not installed at Plant 77			

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4.2 CONFIGURATION SUMMARY		REPORT NO.	D2-13945-622
MISSILE S/N 63-110 (623)		DATE	5-1-63
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0135
Flight Control Unit	Stage 3	25174-102	AAQ0133
Motor	Stage 3	4829-7	0031121
Heat Deflector Support	Stage 3	25-25878-2	0000128
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000119
Angular Accelerometer Unit	Stage 2	25170-102	AAM0136
Battery Assembly	Stage 2	66603-107	AAV0257
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0124
Flight Control Unit	Stage 2	25173-102	AAP0130
Motor	Stage 2	366466-9	0021109
Heat Deflector Support	Stage 2	25-25877-2	0000118
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000112
Battery Assembly	Stage 1	66603-107	AAV0233
Cable Assembly-Electrical	Stage 1	25188-102	AAR0132
Flight Control Unit	Stage 1	25172-102-11	AAN0014
Motor	Stage 1	U31500-27	0011114
Heat Deflector Support	Stage 1	25-25876-2	0000118
Skirt Assembly	Stage 1	25-27207-3	0000113
*Not installed at Plant 77			

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4.3 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945-622</u>	
MISSILE S/N <u>63-104 (624)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0136
Flight Control Unit	Stage 3	25174-102	AAQ0127
Motor	Stage 3	4829-7	0031122
Heat Deflector Support	Stage 3	25-25878-2	0000134
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000120
Angular Accelerometer Unit	Stage 2	25170-102	AAM0139
Battery Assembly	Stage 2	66603-107	AAV0278
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0130
Flight Control Unit	Stage 2	25173-102	AAPO133
Motor	Stage 2	366466-9	0021108
Heat Deflector Support	Stage 2	25-25877-2	0000124
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000123
Battery Assembly	Stage 1	66603-107	AAV0288
Cable Assembly-Electrical	Stage 1	25188-102	AAPO140
Flight Control Unit	Stage 1	25172-102-11	AAPO139
Motor	Stage 1	U31500-27	0011116
Heat Deflector Support	Stage 1	25-25876-2	0000123
Skirt Assembly	Stage 1	25-27207-3	0000176
*Not installed at Plant 77			

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4.4 CONFIGURATION SUMMARY MISSILE S/N <u>63-169 (626)</u>		REPORT NO. <u>D2-13945-622</u> DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0140
Flight Control Unit	Stage 3	25174-102	AAQ0136
Motor	Stage 3	4829-7	0031124
Heat Deflector Support	Stage 3	25-25878-2	0000113
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000121
Angular Accelerometer Unit	Stage 2	25170-102	AAN0110
Battery Assembly	Stage 2	66603-107	AAV0276
Cable Assembly-Electrical	Stage 2	25109-102-11	AA50131
Flight Control Unit	Stage 2	25173-102	AAP0132
Motor	Stage 2	366466-9	0021127
Heat Deflector Support	Stage 2	25-25877-2	0000113
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000119
Battery Assembly	Stage 1	66603-107	AAV0222
Cable Assembly-Electrical	Stage 1	25188-102	AAR0134
Flight Control Unit	Stage 1	25172-102-11	AAN0140
Motor	Stage 1	U31500-27	0011117
Heat Deflector Support	Stage 1	25-25876-2	0000119
Skirt Assembly	Stage 1	25-27207-3	0000120
*Not installed at Plant 77			

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4.5 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945- 622</u>	
MISSILE S/N <u>63-111 (627)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0138
Flight Control Unit	Stage 3	25174-102	AAQ0137
Motor	Stage 3	4829-7	0031120
Heat Deflector Support	Stage 3	25-25878-2	0000122
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000167
Angular Accelerometer Unit	Stage 2	25170-102	AAM0146
Battery Assembly	Stage 2	66603-107	AAV0217
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0132
Flight Control Unit	Stage 2	25173-102	AAP0134
Motor	Stage 2	366466-9	0021107
Heat Deflector Support	Stage 2	25-25877-2	0000119
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000103
Battery Assembly	Stage 1	66603-107	AAV0223
Cable Assembly-Electrical	Stage 1	25188-102	AAR0142
Flight Control Unit	Stage 1	25172-102-11	AAN0141
Motor	Stage 1	U31500-27	0011115
Heat Deflector Support	Stage 1	25-25876-2	0000111
Skirt Assembly	Stage 1	25-27207-3	0000102
*Not installed at Plant 77			

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4.6 CONFIGURATION SUMMARY		REPORT NO. <u>D2-1394-622</u>	
MISSILE S/N <u>63-105 (628)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAPO137
Flight Control Unit	Stage 3	25174-102	AAQO135
Motor	Stage 3	4829-7	0031123
Heat Deflector Support	Stage 3	25-25878-2	0000137
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000176
Angular Accelerometer Unit	Stage 2	25170-102	AAAO083
Battery Assembly	Stage 2	66603-107	AAVO220
Cable Assembly-Electrical	Stage 2	25189-102-11	AA30133
Flight Control Unit	Stage 2	25173-102	AAPO137
Motor	Stage 2	366466-9	0021119
Heat Deflector Support	Stage 2	25-25877-2	0000109
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000114
Battery Assembly	Stage 1	66603-107	AAVO275
Cable Assembly-Electrical	Stage 1	25128-102	AAAO138
Flight Control Unit	Stage 1	25172-102-11	AAAO135
Motor	Stage 1	U31500-27	0011111
Heat Deflector Support	Stage 1	25-25876-2	0000122
Skirt Assembly	Stage 1	25-27207-3	0000124
*Not installed at Plant 77			

4.7 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945-622</u>
MISSILE S/N <u>63-112 (629)</u>		DATE <u>5-1-63</u>
COMPONENT		PART NO.
Battery Assembly	Stage 3	66602-107
G&C Navigation Set	Stage 3	85011-106-11
Cable Assembly-Electrical	Stage 3	25190-102
Flight Control Unit	Stage 3	25174-102
Motor	Stage 3	4829-7
Heat Deflector Support	Stage 3	25-25878-2
Interstage Assembly-Insulated	Stage 2-3	25-27204-64
Angular Accelerometer Unit	Stage 2	25170-102
Battery Assembly	Stage 2	66603-107
Cable Assembly-Electrical	Stage 2	25189-102-11
Flight Control Unit	Stage 2	25173-102
Motor	Stage 2	366466-9
Heat Deflector Support	Stage 2	25-25877-2
Interstage Assembly-Insulated	Stage 1-2	25-27201-11
Battery Assembly	Stage 1	66603-107
Cable Assembly-Electrical	Stage 1	25188-102
Flight Control Unit	Stage 1	25172-102-11
Motor	Stage 1	U31500-27
Heat Deflector Support	Stage 1	25-25876-2
Skirt Assembly	Stage 1	25-27207-3
*Not installed at Plant 77		

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4.8 JONFIGURATION SUMMARY		REPORT NO. <u>D2-13945 622</u>	
MISSILE S/N <u>63-113 (630)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAFO142
Flight Control Unit	Stage 3	25174-102	AAQ0080
Motor	Stage 3	4829-7	0031002
Heat Deflector Support	Stage 3	25-25870-2	0000136
Interstage Assembly-Insulated	Stage 2-3	25-27204-04	0000126
Angular Accelerometer Unit	Stage 2	25170-102	AAH0107
Battery Assembly	Stage 2	66603-107	AAV0121
Cable Assembly-Electrical	Stage 2	25189-102-11	AAQ0136
Flight Control Unit	Stage 2	25173-102	AAFO060
Motor	Stage 2	366466-9	0021134
Heat Deflector Support	Stage 2	25-25877-2	0000120
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000113
Battery Assembly	Stage 1	66603-107	AAV0225
Cable Assembly-Electrical	Stage 1	25188-102	AAFO141
Flight Control Unit	Stage 1	25172-102-11	AAH0142
Motor	Stage 1	U31500-27	0011118
Heat Deflector Support	Stage 1	25-25876-2	0000135
Skirt Assembly	Stage 1	25-27207-3	0000112
*Not installed at Plant 77			

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4.9 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945- 622</u>	
MISSILE S/N <u>63-106 (631)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25170-102	AAT0139
Flight Control Unit	Stage 3	25174-102	AAQ0132
Motor	Stage 3	4829-7	0031101
Heat Deflector Support	Stage 3	25-25878-2	0000123
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000122
Angular Accelerometer Unit	Stage 2	25170-102	AAQ0143
Battery Assembly	Stage 2	66603-107	AAV0219
Cable Assembly-Electrical	Stage 2	25183-102-11	AAQ0137
Flight Control Unit	Stage 2	25173-102	AAQ0135
Motor	Stage 2	366466-9	0021131
Heat Deflector Support	Stage 2	25-25877-2	0000115
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000126
Battery Assembly	Stage 1	66603-107	AAV0224
Cable Assembly-Electrical	Stage 1	25188-102	AAQ0117
Flight Control Unit	Stage 1	25172-102-11	AAQ0080
Motor	Stage 1	U31500-27	0011120
Heat Deflector Support	Stage 1	25-25876-2	0000124
Skirt Assembly	Stage 1	25-27207-3	0000115
*Not installed at Plant 77			

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4.10 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945-622</u>	
MISSILE S/N <u>63-114 (633)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0143
Flight Control Unit	Stage 3	25174-102	AAQ0091
Motor	Stage 3	4829-7	003194
Heat Deflector Support	Stage 3	25-25878-2	0000176
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000124
Angular Accelerometer Unit	Stage 2	25170-102	AAW0123
Battery Assembly	Stage 2	66603-107	AAV0213
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0141
Flight Control Unit	Stage 2	25173-102	AAPO136
Motor	Stage 2	366466-9	0021132
Heat Deflector Support	Stage 2	25-25877-2	0000112
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000111
Battery Assembly	Stage 1	66603-107	AAV0261
Cable Assembly-Electrical	Stage 1	25188-102	AAPO145
Flight Control Unit	Stage 1	25172-102-11	AAW0143
Motor	Stage 1	U31500-27	0011121
Heat Deflector Support	Stage 1	25-25876-2	0000176
Skirt Assembly	Stage 1	25-27207-3	0000134
*Not installed at Plant 77			

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4.11 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945- 602</u>	
MISSILE S/N <u>63-170 (634)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25120-102	AA00144
Flight Control Unit	Stage 3	25174-102	AA00141
Motor	Stage 3	4629-7	0031131
Heat Deflector Support	Stage 3	25-25876-2	0000121
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000136
Angular Accelerometer Unit	Stage 2	25170-102	AA00147
Battery Assembly	Stage 2	66603-107	AAV0263
Cable Assembly-Electrical	Stage 2	25189-102-11	AA00140
Flight Control Unit	Stage 2	25173-102	AA00130
Motor	Stage 2	366460-9	0021135
Heat Deflector Support	Stage 2	25-25877-2	0000168
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000122
Battery Assembly	Stage 1	66603-107	AAV0259
Cable Assembly-Electrical	Stage 1	25188-102	AA00137
Flight Control Unit	Stage 1	25172-102-11	AA00067
Motor	Stage 1	U31500-27	0011110
Heat Deflector Support	Stage 1	25-25876-2	0000175
Skirt Assembly	Stage 1	25-27207-3	0000122
*Not installed at Plant 77			

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4.12 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945-622</u>	
MISSILE S/N <u>63-117 (635)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AA00146
Flight Control Unit	Stage 3	25174-102	AA00140
Motor	Stage 3	4829-7	0031125
Heat Deflector Support	Stage 3	25-25877-2	0000134
Interstage Assembly-Insulated	Stage 2-3	25-27204-04	0000134
Angular Accelerometer Unit	Stage 2	25170-102	AA00140
Battery Assembly	Stage 2	66603-107	AAV0260
Cable Assembly-Electrical	Stage 2	25182-102-11	AA00142
Flight Control Unit	Stage 2	25173-102	AA00141
Motor	Stage 2	366465-2	0031129
Heat Deflector Support	Stage 2	25-25877-2	0000134
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000130
Battery Assembly	Stage 1	66603-107	AAV0258
Cable Assembly-Electrical	Stage 1	25188-102	AA00144
Flight Control Unit	Stage 1	25172-102-11	AA00082
Motor	Stage 1	U31500-27	0011122
Heat Deflector Support	Stage 1	25-25876-2	0000134
Skirt Assembly	Stage 1	25-27201-3	0000135
*Not installed at Plant 77			

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4.13 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945-622</u>	
MISSILE S/N <u>63-115 (636)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0145
Flight Control Unit	Stage 3	25174-102	AAQ0139
Motor	Stage 3	4829-7	0031129
Heat Deflector Support	Stage 3	25-25878-2	0000127
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000123
Angular Accelerometer Unit	Stage 2	25170-102	AAM0153
Battery Assembly	Stage 2	66603-107	AAV0264
Cable Assembly-Electrical	Stage 2	25189-102-11	AA30138
Flight Control Unit	Stage 2	25173-102	AAF0140
Motor	Stage 2	366466-9	0021123
Heat Deflector Support	Stage 2	25-25877-2	0000127
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000175
Battery Assembly	Stage 1	66603-107	AAV0126
Cable Assembly-Electrical	Stage 1	25188-102	AAR0147
Flight Control Unit	Stage 1	25172-102-11	AAN0146
Motor	Stage 1	U31590-27	0011123
Heat Deflector Support	Stage 1	25-25876-2	0000136
Skirt Assembly	Stage 1	25-27207-3	0000169
*Not installed at Plant 77			

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4.14 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945- 622</u>	
MISSILE S/N <u>63-116 (637)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0149
Flight Control Unit	Stage 3	25174-102	AAQ0079
Motor	Stage 3	4829-7	0031128
Heat Deflector Support	Stage 3	25-25878-2	0000113
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000135
Angular Accelerometer Unit	Stage 2	25170-102	AAM0145
Battery Assembly	Stage 2	66603-107	AAV0317
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0117
Flight Control Unit	Stage 2	25173-102	AAF0144
Motor	Stage 2	366466-9	0021124
Heat Deflector Support	Stage 2	25-25877-2	0000126
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000125
Battery Assembly	Stage 1	66603-107	AAV0284
Cable Assembly-Electrical	Stage 1	25188-102	AAR0146
Flight Control Unit	Stage 1	25172-102-11	AAN0058
Motor	Stage 1	U31500-27	0011124
Heat Deflector Support	Stage 1	25-25876-2	0000113
Skirt Assembly	Stage 1	25-27207-3	0000125
*Not installed at Plant 77			

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4.15 CONFIGURATION SUMMARY		REPORT NO.	D2-13945-682
MISSILE S/N 63-118 (638)		DATE	5/1/63
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0076
Flight Control Unit	Stage 3	25174-102	AAQ0143
Motor	Stage 3	4829-7	0031127
Heat Deflector Support	Stage 3	25-25878-2	0000117
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000140
Angular Accelerometer Unit	Stage 2	25170-102	AAM0152
Battery Assembly	Stage 2	66603-107	AAV0283
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0145
Flight Control Unit	Stage 2	25173-102	AAF0146
Motor	Stage 2	366466-9	0021122
Heat Deflector Support	Stage 2	25877-2	0000135
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000134
Battery Assembly	Stage 1	66603-107	AAV0282
Cable Assembly-Electrical	Stage 1	25188-102	AAR0143
Flight Control Unit	Stage 1	25172-102-11	AAN0076
Motor	Stage 1	U31500-27	0011126
Heat Deflector Support	Stage 1	25-25876-2	0000125
Skirt Assembly	Stage 1	25-27207-3	0000139
*Not installed at Plant 77			

4.16 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945- 622</u>	
MISSILE S/N <u>63-127 (640)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0148
Flight Control Unit	Stage 3	25174-102	AAQ0114
Motor	Stage 3	4829-7	0031091
Heat Deflector Support	Stage 3	25-25878-2	0000175
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000169
Angular Accelerometer Unit	Stage 2	25170-102	AAM0009
Battery Assembly	Stage 2	66603-107	AAV0281
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0143
Flight Control Unit	Stage 2	25173-102	AAP0143
Motor	Stage 2	366466-9	0021128
Heat Deflector Support	Stage 2	25-25877-2	0000128
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000140
Battery Assembly	Stage 1	66603-107	AAV0279
Cable Assembly-Electrical	Stage 1	25188-102	AAR0150
Flight Control Unit	Stage 1	25172-102-11	AAN0075
Motor	Stage 1	U31500-27	0011127
Heat Deflector Support	Stage 1	25-25876-2	0000028
Skirt Assembly	Stage 1	25-27207-3	0000136
*Not installed at Plant 77			

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4.17 CONFIGURATION SUMMARY		REPORT NO. <u>D2-1394 622</u>	
MISSILE S/N <u>63-119 (642)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0147
Flight Control Unit	Stage 3	25174-102	AAQ0142
Motor	Stage 3	4829-7	0031135
Heat Deflector Support	Stage 3	25-25878-2	0000130
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000125
Angular Accelerometer Unit	Stage 2	25170-102	AAM0150
Battery Assembly	Stage 2	66603-107	AAV0315
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0139
Flight Control Unit	Stage 2	25173-102	AAP0145
Motor	Stage 2	366466-9	0021140
Heat Deflector Support	Stage 2	25-25877-2	0000137
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000128
Battery Assembly	Stage 1	66603-107	AAV0301
Cable Assembly-Electrical	Stage 1	25188-102	A/R0149
Flight Control Unit	Stage 1	25172-102-11	AAN0077
Motor	Stage 1	U31500-27	0011128
Heat Deflector Support	Stage 1	25-25876-2	0000121
Skirt Assembly	Stage 1	25-27207-3	0000137
*Not installed at Plant 77			

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4.18 CONFIGURATION SUMMARY  
MISSILE S/N 63-128 (643)

REPORT NO. D2-13945-602  
DATE 5-1-63

COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0096
Flight Control Unit	Stage 3	25174-102	AAQ0145
Motor	Stage 3	4829-7	0031134
Heat Deflector Support	Stage 3	25-25878-2	0000125
Interstage Assembly-Insulated	Stage 2-3	25- 27204-64	0000128
Angular Accelerometer Unit	Stage 2	25170-102	AAQ0156
Battery Assembly	Stage 2	66603-107	AAV0306
Cable Assembly-Electrical	Stage 2	25189-102-11	AA30147
Flight Control Unit	Stage 2	25173-102	AAQ0149
Motor	Stage 2	366466-9	0021141
Heat Deflector Support	Stage 2	25-25877-2	0000129
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000141
Battery Assembly	Stage 1	66603-107	AAV0302
Cable Assembly-Electrical	Stage 1	25188-102	AAQ0154
Flight Control Unit	Stage 1	25172-102-11	AAQ0149
Motor	Stage 1	U31500-27	0011130
Heat Deflector Support	Stage 1	25-25876-2	0000140
Skirt Assembly	Stage 1	25-27207-3	0000127
*Not installed at Plant 77			

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4.19 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945-622</u>	
MISSILE S/N <u>63-129 (645)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0151
Flight Control Unit	Stage 3	25174-102	AAQ0153
Motor	Stage 3	4829-7	0031097
Heat Deflector Support	Stage 3	25-25878-2	0000120
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000127
Angular Accelerometer Unit	Stage 2	25170-102	AAM0165
Battery Assembly	Stage 2	66603-107	AAV0312
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0146
Flight Control Unit	Stage 2	25173-102	AAP0150
Motor	Stage 2	366456-9	0021133
Heat Deflector Support	Stage 2	25-25877-2	0000177
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000135
Battery Assembly	Stage 1	66603-107	AAV0295
Cable Assembly-Electrical	Stage 1	25188-102	AAR0159
Flight Control Unit	Stage 1	25172-102-11	AAN0079
Motor	Stage 1	U31500-27	0011129
Heat Deflector Support	Stage 1	25-25876-2	0000126
Skirt Assembly	Stage 1	25-27207-3	0000128
*Not installed at Plant 77			



4.20 CONFIGURATION SUMMARY		REPORT NO. <u>D2-13945-622</u>	
MISSILE S/N <u>63-120 (647)</u>		DATE <u>5-1-63</u>	
COMPONENT		PART NO.	SERIAL NO.
Battery Assembly	Stage 3	66602-107	*
G&C Navigation Set	Stage 3	85011-106-11	*
Cable Assembly-Electrical	Stage 3	25190-102	AAT0158
Flight Control Unit	Stage 3	25174-102	AAQ0148
Motor	Stage 3	4829-7	0031133
Heat Deflector Support	Stage 3	25-25878-2	0000142
Interstage Assembly-Insulated	Stage 2-3	25-27204-64	0000142
Angular Accelerometer Unit	Stage 2	25170-102	AAM0166
Battery Assembly	Stage 2	66603-107	AAV0313
Cable Assembly-Electrical	Stage 2	25189-102-11	AAS0148
Flight Control Unit	Stage 2	25173-102	AAP0148
Motor	Stage 2	366466-9	0021139
Heat Deflector Support	Stage 2	25-25877-2	0000123
Interstage Assembly-Insulated	Stage 1-2	25-27201-11	0000137
Battery Assembly	Stage 1	66603-107	AAV0330
Cable Assembly-Electrical	Stage 1	25188-102	AAR0153
Flight Control Unit	Stage 1	25172-102-11	AAN0147
Motor	Stage 1	U31500-27	0011131
Heat Deflector Support	Stage 1	25-25876-2	0000127
Skirt Assembly	Stage 1	25-27207-3	0000177
*Not installed at Plant 77			